

<b>DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION</b>  <input type="checkbox"/> Declaration <input checked="" type="checkbox"/> Declaration Submitted with      Submitted after Initial Initial Filing      Filing (surcharge 37 CFR 1.16(e) required)	Attorney Docket No.	MIT-103
	First Named Inventor	Kawasaki
	<b>COMPLETE IF KNOWN</b>	
	Application Serial Number	09/422,999
	Filing Date	10/22/99
	Group Art Unit	1643
	Examiner Name	Not yet assigned

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

Genes Integrating Signal Transduction Pathways

(Title of the Invention)

the specification of which

☐ is attached hereto  
OR

☒ was filed on 10/22/99 as United States Application Serial Number or PCT International Application Number 09/422,999 and was first amended on 01/25/2000, subsequently amended on 05/17/2001, 12/26/2001, 09/20/2002, 04/01/2003, 09/19/2003, 03/18/2004, and last amended on 09/03/2004.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Serial Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application serial numbers are listed on a supplemental priority data sheet attached hereto.
60/105,507	10/23/98	

## DECLARATION - Utility or Design Patent Application

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365(c), of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Serial Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)

☐ Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet attached hereto.

As a named inventor, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: ☐ Customer Number  → Place Customer  
Number Bar Code  
Label Here

OR

☒ Registered practitioner(s) name/registration number listed below

Name	Registration Number	Name	Registration Number
Steven M. Bauer	31,481	Thomas C. Meyers	36,989
John V. Bianco	36,748	Joseph B. Milstein	42,897
Isabelle A.S. Blundell	43,321	David G. Miranda	42,898
Maureen A. Bresnahan	P-44,559	Ronda P. Moore	44,244
Michael H. Brodowski	41,640	Edmund R. Pitcher	27,829
Jennifer A. Camacho	43,526	Dianne M. Rees	45,281
Joseph A. Capraro, Jr.	36,471	Kurt Rauschenbach	40,137
John J. Cotter	38,116	Michael A. Rodriguez	41,274
Jennifer L. Dupre	41,722	R. Stephen Rosenholm	P-45,283
John V. Forcier	42,545	Michael J. Schmelzer	43,093
Michael Giannetta	42,574	J. Scott Southworth	39,382
Duncan A. Greenhalgh	38,678	Christopher W. Stamos	35,370
William G. Guerin	41,047	Joseph P. Sullivan	P-45,349
Ira Heffan	41,059	Robert J. Tosti	35,393
Danielle L. Herritt	43,670	Thomas A. Turano	35,722
Elizabeth E. Kim	43,334	Michael J. Twomey	38,349
Mi Kim	P-44,830	Christine C. Vito	39,061
Douglas J. Kline	35,574	Patrick R.H. Waller	41,418
John D. Lanza	40,060	Yin P. Zhang	44,372
Timothy P. Linkkila	40,702		
Kurt W. Lockwood	40,704		
Marianne McLaughlin	42,870		

☐ Additional registered practitioners named on supplemental Registered Practitioner Information sheet attached hereto.

Direct all correspondence to:

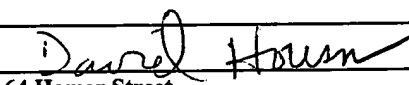
Patent Administrator  
Testa, Hurwitz & Thibeault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110  
Tel. No.: (617) 248-7000  
Fax No.: (617) 248-7100

## Declaration and Power of Attorney for Utility or Design Patent Application

Serial No.: 09/422,999

Page 3 of 3

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])						Family Name or Surname			
Hiroaki						Kawasaki			
Inventor's Signature						Date			
Street Address		3-20-2, Aoba				Citizenship		Japanese	
		City	Higashi-Ku	State	Fukuoka	Zip		Country	Japan
Post Office Address									
		City		State		Zip		Country	
<input type="checkbox"/> Additional inventors are being named on the _____ supplemental Additional Inventor(s) sheet(s) attached hereto.									
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])						Family Name or Surname			
Ann						Graybiel			
Inventor's Signature						Date			
Street Address		Boyce Farm Road				Citizenship		US	
		City	Lincoln	State	MA	Zip	01773	Country	USA
Post Office Address									
		City		State		Zip		Country	
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor							
Given Name (first and middle [if any])						Family Name or Surname			
David						Housman			
Inventor's Signature						Date		1/11/05	
Street Address		64 Homer Street				Citizenship		US	
		City	Newton	State	MA	Zip	02458	Country	USA
Post Office Address									
		City		State		Zip		Country	